

Attorney Docket No.: 9409/2023C PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Samson, et al.

U.S. Serial No.: 09/939,226

Filed: August 24, 2001

Entitled: "Methods for Identifying Compounds
which Bind the Active CCR
Chemokine Receptor"

Examiner: Seharaseyon, J.

Group Art Unit: 1647

Conf. No.: 3567

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450SUPPLEMENTAL PRELIMINARY AMENDMENTIn the Claims

Please cancel claim 39 to 59.

Please add new claims 60-92

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60: A method of identifying a compound which binds to a polypeptide sequence comprising one of SEQ ID Nos. 5 or 6, comprising contacting said polypeptide with said candidate compound and detecting binding of said candidate compound to said polypeptide. ant basis

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61: A method for identifying a compound which specifically binds to the CCR5 chemokine receptor whose amino acid sequence is SEQ ID NO: 5, the method comprising the steps of

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(a) transfecting a cell with a nucleic acid molecule encoding said receptor or said portion thereof;

(b) expressing said receptor or portion thereof under conditions permitting specific binding of said compound to said receptor or portion thereof;

(c) exposing said cell to a sample suspected of comprising said compound; and